

A. Salimi



1600

## RAW SEQUENCE LISTING

DATE: 11/27/2002

PATENT APPLICATION: US/09/701,080C

TIME: 09:19:16

Input Set : A:\EP.txt

Output Set: N:\CRF4\11272002\I701080C.raw

3 <110> APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY  
 5 <120> TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PROTEIN AND RELATED PROTEIN  
 P300 FOR USE IN  
 6 TRANSCRIPTIONAL REGULATION  
 8 <130> FILE REFERENCE: N73477C GCW  
 10 <140> CURRENT APPLICATION NUMBER: US 09/701080C  
 11 <141> CURRENT FILING DATE: 2001-02-27  
 13 <150> PRIOR APPLICATION NUMBER: GB 9811303.8  
 14 <151> PRIOR FILING DATE: 1998-05-26  
 16 <150> PRIOR APPLICATION NUMBER: GB 9900157.0  
 17 <151> PRIOR FILING DATE: 1999-01-05  
 19 <160> NUMBER OF SEQ ID NOS: 36  
 21 <170> SOFTWARE: PatentIn Ver. 2.1  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 12  
 26 <212> TYPE: PRT  
 27 <213> ORGANISM: Artificial Sequence  
 29 <220> FEATURE:  
 30 <221> NAME/KEY: VARIANT  
 31 <222> LOCATION: (1)  
 32 <223> OTHER INFORMATION: Xaa represents Lys or Arg  
 34 <220> FEATURE:  
 35 <221> NAME/KEY: VARIANT  
 36 <222> LOCATION: (2)  
 37 <223> OTHER INFORMATION: Xaa represents Lys or Arg  
 39 <220> FEATURE:  
 40 <221> NAME/KEY: VARIANT  
 41 <222> LOCATION: (3)  
 42 <223> OTHER INFORMATION: Xaa represents any amino acid  
 44 <220> FEATURE:  
 45 <221> NAME/KEY: VARIANT  
 46 <222> LOCATION: (5)  
 47 <223> OTHER INFORMATION: Xaa represents any amino acid  
 49 <220> FEATURE:  
 50 <221> NAME/KEY: VARIANT  
 51 <222> LOCATION: (6)  
 52 <223> OTHER INFORMATION: Xaa represents any amino acid  
 54 <220> FEATURE:  
 55 <221> NAME/KEY: VARIANT  
 56 <222> LOCATION: (9)  
 57 <223> OTHER INFORMATION: Xaa is Val or Ile  
 59 <220> FEATURE:  
 60 <221> NAME/KEY: VARIANT  
 61 <222> LOCATION: (11)

ENTERED

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62 <223> OTHER INFORMATION: Xaa represents Lys or Arg  
64 <220> FEATURE:  
65 <221> NAME/KEY: VARIANT  
66 <222> LOCATION: (12)  
67 <223> OTHER INFORMATION: Xaa represents any amino acid  
69 <220> FEATURE:  
70 <223> OTHER INFORMATION: Description of Artificial Sequence: consensus sequence of transcriptional  
71 adaptor motif (TRAM)  
73 <400> SEQUENCE: 1  
W--> 74 Xaa Xaa Xaa Asn Xaa Xaa Cys Pro Xaa Cys Xaa Xaa  
75 1 5 10  
78 <210> SEQ ID NO: 2  
79 <211> LENGTH: 13  
80 <212> TYPE: PRT  
81 <213> ORGANISM: Artificial Sequence  
83 <220> FEATURE:  
84 <221> NAME/KEY: VARIANT  
85 <222> LOCATION: (1)  
86 <223> OTHER INFORMATION: Xaa represents Lys or Arg  
88 <220> FEATURE:  
89 <221> NAME/KEY: VARIANT  
90 <222> LOCATION: (2)  
91 <223> OTHER INFORMATION: Xaa represents Lys or Arg  
93 <220> FEATURE:  
94 <221> NAME/KEY: VARIANT  
95 <222> LOCATION: (3)  
96 <223> OTHER INFORMATION: Xaa represents any amino acid  
98 <220> FEATURE:  
99 <221> NAME/KEY: VARIANT  
100 <222> LOCATION: (5)  
101 <223> OTHER INFORMATION: Xaa represents any amino acid  
103 <220> FEATURE:  
104 <221> NAME/KEY: VARIANT  
105 <222> LOCATION: (6)  
106 <223> OTHER INFORMATION: Xaa represents any amino acid  
108 <220> FEATURE:  
109 <221> NAME/KEY: VARIANT  
110 <222> LOCATION: (9)  
111 <223> OTHER INFORMATION: Xaa represents Val or Ile  
113 <220> FEATURE:  
114 <221> NAME/KEY: VARIANT  
115 <222> LOCATION: (11)  
116 <223> OTHER INFORMATION: where Xaa represents Lys or Arg  
118 <220> FEATURE:  
119 <221> NAME/KEY: VARIANT  
120 <222> LOCATION: (12)  
121 <223> OTHER INFORMATION: Xaa represents any amino acid  
123 <220> FEATURE:  
124 <223> OTHER INFORMATION: Description of Artificial Sequence: consensus sequence of transcriptional

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```

125      adaptor
126      motif (TRAM)
128 <400> SEQUENCE: 2
W--> 129 Xaa Xaa Xaa Asn Xaa Xaa Cys Pro Xaa Cys Xaa Xaa Ile
130      1              5              10
133 <210> SEQ ID NO: 3
134 <211> LENGTH: 12
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from CBP
141 <400> SEQUENCE: 3
142 Arg Lys Thr Asn Gly Gly Cys Pro Val Cys Lys Gln
143      1              5              10
146 <210> SEQ ID NO: 4
147 <211> LENGTH: 14
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from CBP
154 <400> SEQUENCE: 4
155 Arg Lys Thr Asn Gly Gly Cys Pro Val Cys Lys Gln Pro Ile
156      1              5              10
159 <210> SEQ ID NO: 5
160 <211> LENGTH: 19
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from CBP
167 <400> SEQUENCE: 5
168 Gly Cys Lys Arg Lys Thr Asn Gly Gly Cys Pro Val Cys Lys Gln Leu
169      1              5              10              15
171 Ile Ala Leu
174 <210> SEQ ID NO: 6
175 <211> LENGTH: 12
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from Mdm-2
182 <400> SEQUENCE: 6
183 Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln
184      1              5              10
187 <210> SEQ ID NO: 7
188 <211> LENGTH: 14
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from Mdm-2
195 <400> SEQUENCE: 7

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```

196 Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln Pro Ile
197   1           5           10
200 <210> SEQ ID NO: 8
201 <211> LENGTH: 12
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p300
208 <400> SEQUENCE: 8
209 Arg Lys Thr Asn Gly Gly Cys Pro Ile Cys Lys Gln
210   1           5           10
213 <210> SEQ ID NO: 9
214 <211> LENGTH: 14
215 <212> TYPE: PRT
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p300
221 <400> SEQUENCE: 9
222 Arg Lys Thr Asn Gly Gly Cys Pro Ile Cys Lys Gln Leu Ile
223   1           5           10
226 <210> SEQ ID NO: 10
227 <211> LENGTH: 7
228 <212> TYPE: PRT
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <221> NAME/KEY: VARIANT
233 <222> LOCATION: (2)
234 <223> OTHER INFORMATION: Xaa represents any amino acid
236 <220> FEATURE:
237 <221> NAME/KEY: VARIANT
238 <222> LOCATION: (3)
239 <223> OTHER INFORMATION: Xaa represents Glu or Asp
241 <220> FEATURE:
242 <221> NAME/KEY: VARIANT
243 <222> LOCATION: (4)..(6)
244 <223> OTHER INFORMATION: Xaa represents any amino acid
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence: consensus sequence of
Transcriptional
248   interaction motif(TRIM)
250 <400> SEQUENCE: 10
W--> 251 Phe Xaa Xaa Xaa Xaa Xaa Leu
252   1           5
255 <210> SEQ ID NO: 11
256 <211> LENGTH: 7
257 <212> TYPE: PRT
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: derived from E1A
263 <400> SEQUENCE: 11

```

## RAW SEQUENCE LISTING

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Input Set : A:\EP.txt

Output Set: N:\CRF4\11272002\I701080C.raw

264 Phe Pro Glu Ser Leu Ile Leu  
265 1 5  
268 <210> SEQ ID NO: 12  
269 <211> LENGTH: 7  
270 <212> TYPE: PRT  
271 <213> ORGANISM: Artificial Sequence  
273 <220> FEATURE:  
274 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p53  
276 <400> SEQUENCE: 12  
277 Phe Ser Asp Leu Trp Lys Leu  
278 1 5  
281 <210> SEQ ID NO: 13  
282 <211> LENGTH: 7  
283 <212> TYPE: PRT  
284 <213> ORGANISM: Artificial Sequence  
286 <220> FEATURE:  
287 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from TFIIB  
289 <400> SEQUENCE: 13  
290 Phe Lys Glu Ile Thr Thr Met  
291 1 5  
294 <210> SEQ ID NO: 14  
295 <211> LENGTH: 7  
296 <212> TYPE: PRT  
297 <213> ORGANISM: Artificial Sequence  
299 <220> FEATURE:  
300 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1  
302 <400> SEQUENCE: 14  
303 Phe Glu Asp Gln Ile Leu Ile  
304 1 5  
307 <210> SEQ ID NO: 15  
308 <211> LENGTH: 7  
309 <212> TYPE: PRT  
310 <213> ORGANISM: Artificial Sequence  
312 <220> FEATURE:  
313 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1  
315 <400> SEQUENCE: 15  
316 Phe Arg Asp Asn Ser Ala Met  
317 1 5  
320 <210> SEQ ID NO: 16  
321 <211> LENGTH: 7  
322 <212> TYPE: PRT  
323 <213> ORGANISM: Artificial Sequence  
325 <220> FEATURE:  
326 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1  
328 <400> SEQUENCE: 16  
329 Phe Val Glu Ser Ser Lys Leu  
330 1 5  
333 <210> SEQ ID NO: 17  
334 <211> LENGTH: 7

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/701,080C

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Input Set : A:\EP.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12  
Seq#:2; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12  
Seq#:10; Xaa Pos. 1, 2, 3, 4, 5, 6

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1, 5, 70

## VERIFICATION SUMMARY

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Input Set : A:\EP.txt

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L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:498 M:283 W: Missing Blank Line separator, <400> field identifier